

Converting Colors

Android(4284936752)

Have a look what the booklet for
Android(4284936752) contains.

Android(4284936752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284936752)

Conversions

Conversions Part 1

Format	Color
Hex	66F230
RGB	102, 242, 48
RGB Percent	40%, 95%, 19%
CMY	0.6000, 0.0510, 0.8118
CMYK	0.58, 0.00, 0.80, 0.05
HSL	103°, 88%, 57%
HSV	103°, 80%, 95%
XYZ	37.7651, 66.5424, 13.6499
YIQ	178.0240, -21.1660, -90.0140

Conversions

Conversions Part 2

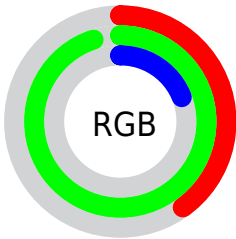
Format	Color
RYB	48, 242, 188
Decimal	6746672
CIELab	85.27, -68.94, 74.51
CIELCh	85, 101.509, 132.775
Yxy	66.5424, 0.3202, 0.5641
Android (android.graphics.Color)	4284936752 (0xFF66F230)
YUV	178.0240, -64.1018, -66.6730
Hunter-Lab	81.5736, -60.1157, 47.1804

Details

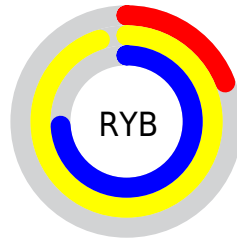
The Android color `4284936752` is a dark color, and the websafe version is hex `66FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4290523378`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4289134446`, and `4278499584` is the 20% darker color. If you saturate the color by 10%, you get `4283822616`, and if you desaturate by 10%, it is `4286050888`.

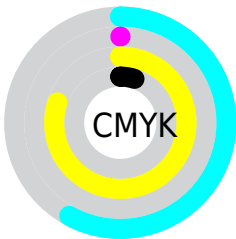
Distribution



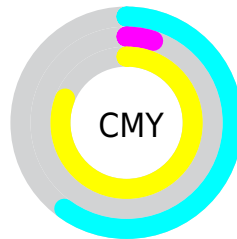
- Red (40%)
- Green (95%)
- Blue (19%)



- Red (19%)
- Yellow (95%)
- Blue (74%)



- Cyan (58%)
- Magenta (0%)
- Yellow (80%)
- Black (5%)



- Cyan (60%)
- Magenta (5%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284936752 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4284936752 by changing the saturation by 10% instead.



4284936752



4284936752

4294967295



4282569984



4289134446



4278499584



4291166091



4278230272



4293197736



4278223360



4294967238



4278216448



4294967267



4278209792



4278203904



4278196992



4278190080

■ 4284936752

■ 4284936752

■ 4283822616

■ 4286050888

■ 4282642944

■ 4287230560

■ 4288344697

■ 4289524369

■ 4290638505

■ 4291818177

■ 4292932313

■ 4294111986

■ 4294963967

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4292468224



4284936752



4278254744

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4284936752



4278251519



4294928304

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4284936752



4290523378

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294931967



4284936752



4278244351

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4284936752



4278255103



4294944767



4294938197

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4284936752



4278255580



4294944767



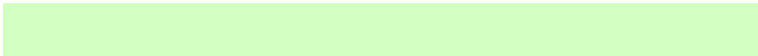
4294927824

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4284936752



4292083650



4294097712



4284842075



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4284936752



4283367178



4281397850



4285495404



4281579520



4279252992

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4290523378



4290448127



4294062280



4285885560



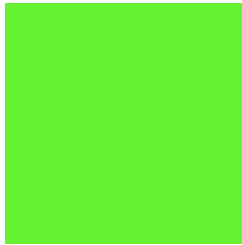
4286841016



4280811576

Previews

White Background



This preview shows how the Android color 4284936752 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284936752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

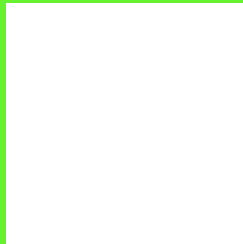
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284936752 Background



This preview shows how black text looks on a background with the Android color 4284936752.



This preview shows how white text looks on a background with the Android color 4284936752.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color

4284936752



Protanomaly

4290633515



Deuteranomaly

4291287387



Tritanomaly

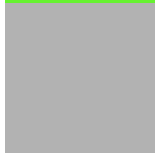
4286506925

Monochromacy



Original Color

4284936752



Achromatopsia

4289901234



Achromatomaly

4288072067

CSS Examples

Text

The CSS property to change the color of the text to Android 4284936752 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(102, 242, 48)` looks like.

```
.text, #text, p{  
    color:rgb(102, 242, 48)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(102, 242, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 242, 48) }
```

Border

The CSS property to change the border of an element to Android 4284936752 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 242, 48) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(102, 242, 48) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(102, 242, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 242, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 242, 48);  
box-shadow:4px 4px 4px 4px rgb(102, 242,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4284936752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 242, 48) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(102,  
242, 48) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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